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(54) Title: A PROCESS FOR THE PRODUCTION OF TETRAHYDROFURAN, GAMMABUTYROLACTONE AND BUTANEDIOL			
(57) Abstract  Process for the production of tetrahydrofuran, gammabutyrolactone and butanediol starting from maleic anhydride esters, consisting of two subsequent hydrogenations.			

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 99/00014

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C07C29/149 C07D307/08 C07D307/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C07C C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 86 03189 A (DAVY MCKEE (LONDON)) 5 June 1986 see page 5 - page 6; claim 1 ---	1,8
A	US 4 032 458 A (S.D. COOLEY, ET AL.) 28 June 1977 see column 2; claim 1 ---	1,8
A	EP 0 190 424 A (CHEMIE LINZ) 13 August 1986 see example 1 ---	1
A	BE 892 958 A (DAVY MCKEE (OIL & CHEMICALS)) 16 August 1982 see page 6 ---	1,7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Int. l. Application No.

PCT/EP 99/00014

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>2</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 652 685 A (J.N. CAUSE, ET AL.) 24 March 1987 see column 2 - column 3; examples ----	1,7
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Information on patent family members

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